



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4471

|  |   |                               |   |   |
|--|---|-------------------------------|---|---|
| <b>SERIAL NUMBER</b><br>10/674,831   | <b>FILING OR 371(c) DATE</b><br>09/30/2003<br><b>RULE</b>   | <b>CLASS</b><br>360           | <b>GROUP ART UNIT</b><br>2653   | <b>ATTORNEY DOCKET NO.</b><br>HSJ920030026US1<br>(HITG.026)     |
| <b>APPLICANTS</b><br>Phong V. Chau, San Jose, CA;<br>James Mac Freitag, San Jose, CA;<br>Mustafa Michael Pinarbasi, Morgan Hill, CA;<br>Hua Ai Zeng, San Jose, CA;<br>Howard Gordon Zolla, San Jose, CA;   |   |                               |   |   |
| ** CONTINUING DATA *****   |   |                               |   |   |
| ** FOREIGN APPLICATIONS *****  |   |                               |   |   |
| <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b><br>** 12/22/2003  |   |                               |   |   |
| Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no<br>35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance<br>Verified and Acknowledged _____<br>Examiner's Signature _____ Initials _____ |   | <b>STATE OR COUNTRY</b><br>CA | <b>SHEETS DRAWING</b><br>6  | <b>TOTAL CLAIMS</b><br>28<br><br><b>INDEPENDENT CLAIMS</b><br>6 |
| <b>ADDRESS</b><br>51298  |   |                               |   |   |
| <b>TITLE</b><br>APPARATUS HAVING A HARD BIAS SEEDLAYER STRUCTURE FOR PROVIDING IMPROVED PROPERTIES OF A HARD BIAS LAYER  |   |                               |   |   |
| <b>FILING FEE RECEIVED</b><br>1146   | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: |                               | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |   |